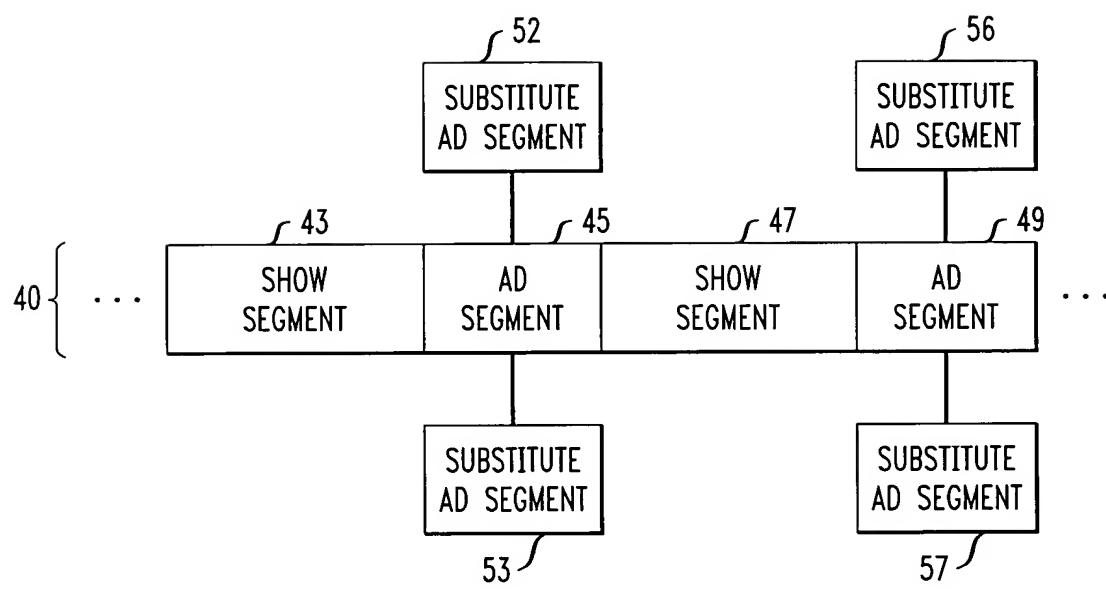


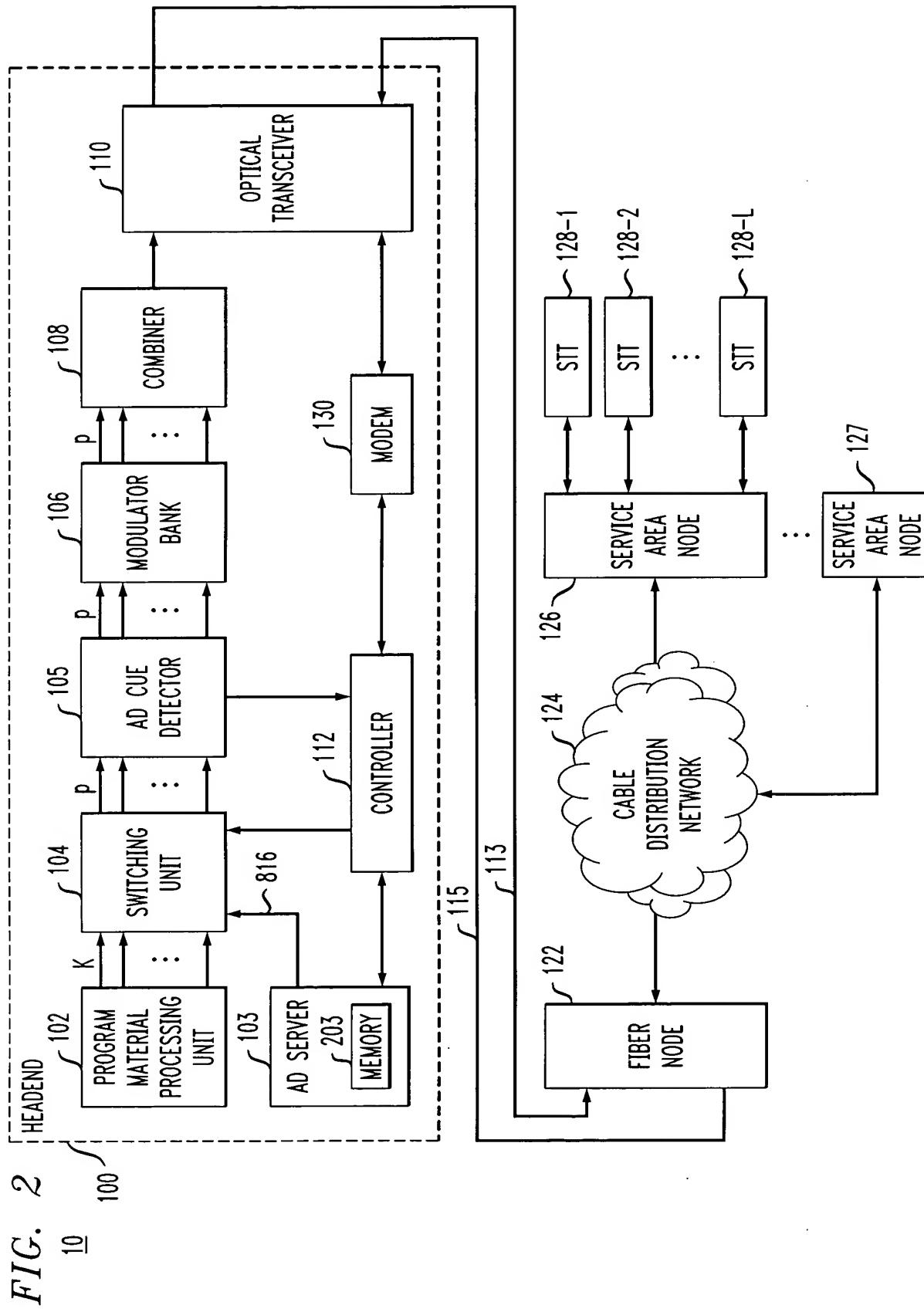


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*FIG. 1*







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FIG. 3

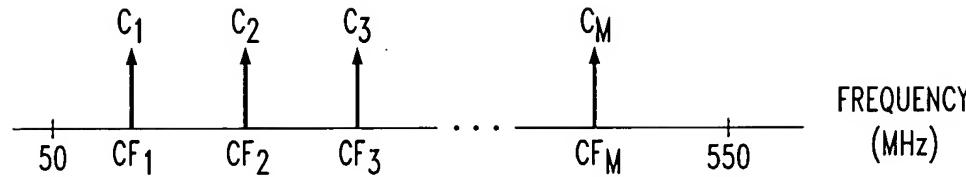


FIG. 4

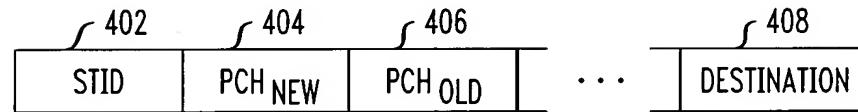


FIG. 5

432

| 436   |       | 437  |   |
|-------|-------|------|---|
| 444-1 | STID  | X    |   |
| 444-2 | MAC 1 | 4    |   |
|       | MAC 2 | NULL |   |
|       | MAC 3 | 5    |   |
| ⋮     | ⋮     | ⋮    | ⋮ |
| 444-L | MAC L | 5    |   |



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FIG. 6

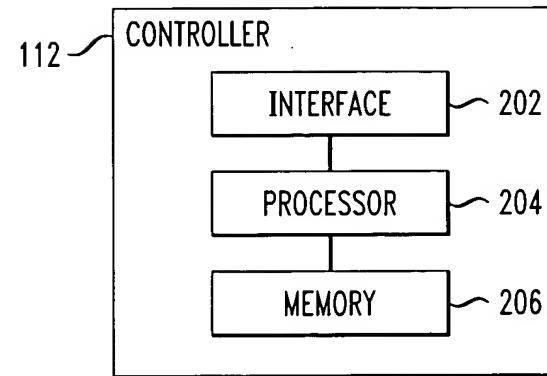


FIG. 7

377

|         | 373 | 374        |
|---------|-----|------------|
|         | X   | INPUT PORT |
| 371-1 { | 1   | NULL       |
| 372-2 { | 2   | 3          |
|         | 3   | 11         |
|         | 4   | 1          |
| :       | :   | :          |
|         | K   | 25         |

FIG. 8

300

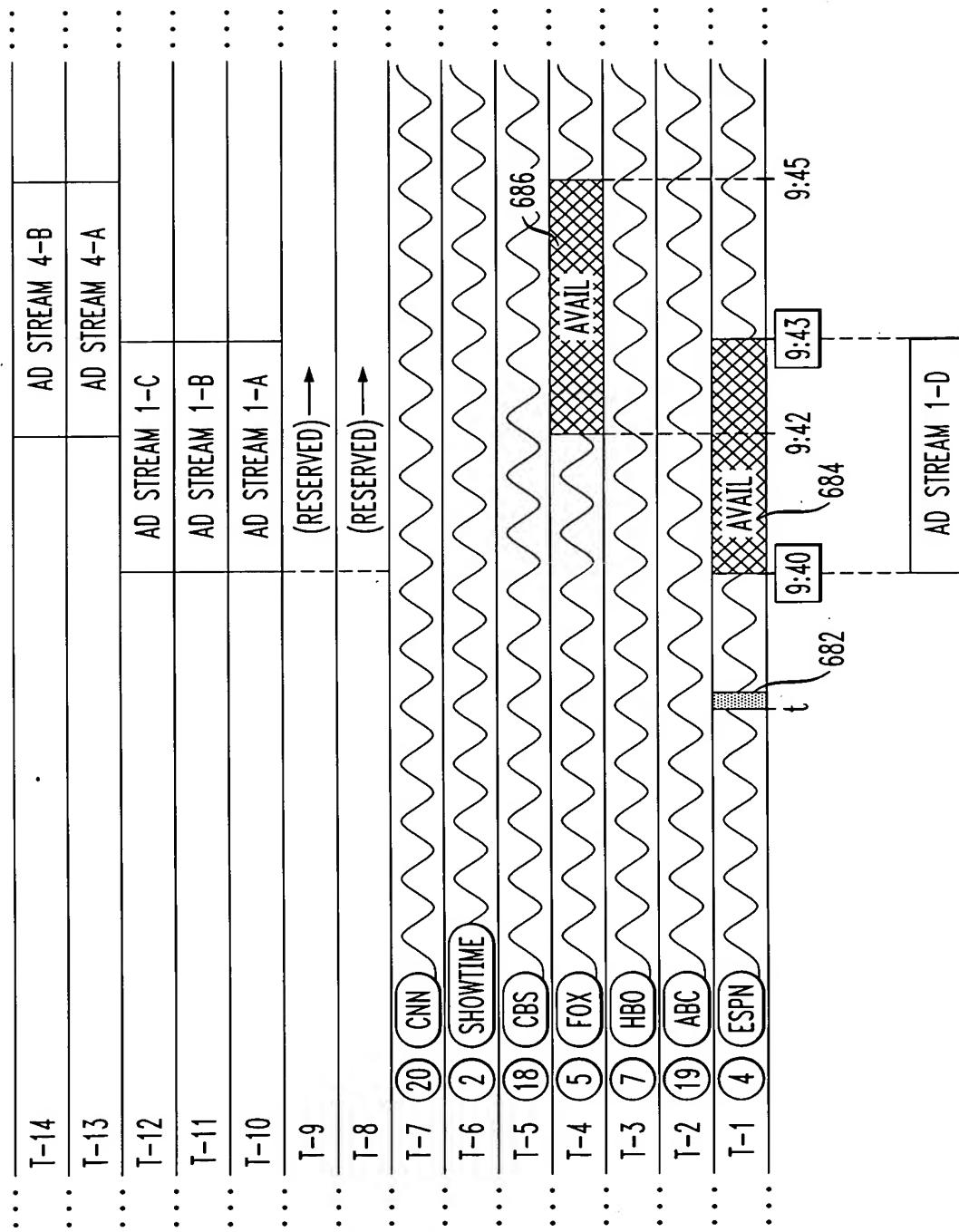
|       | 304 | 306               | 308              |
|-------|-----|-------------------|------------------|
|       | X   | N <sub>PCHX</sub> | ASSIGNED CARRIER |
| 313 { | 1   | 0                 | NULL             |
| 311 { | 2   | 12                | C <sub>3</sub>   |
|       | 3   | 1                 | C <sub>11</sub>  |
|       | 4   | 1000              | C <sub>1</sub>   |
| :     | :   | :                 | :                |
|       | K   | 5                 | C <sub>25</sub>  |



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FIG. 9

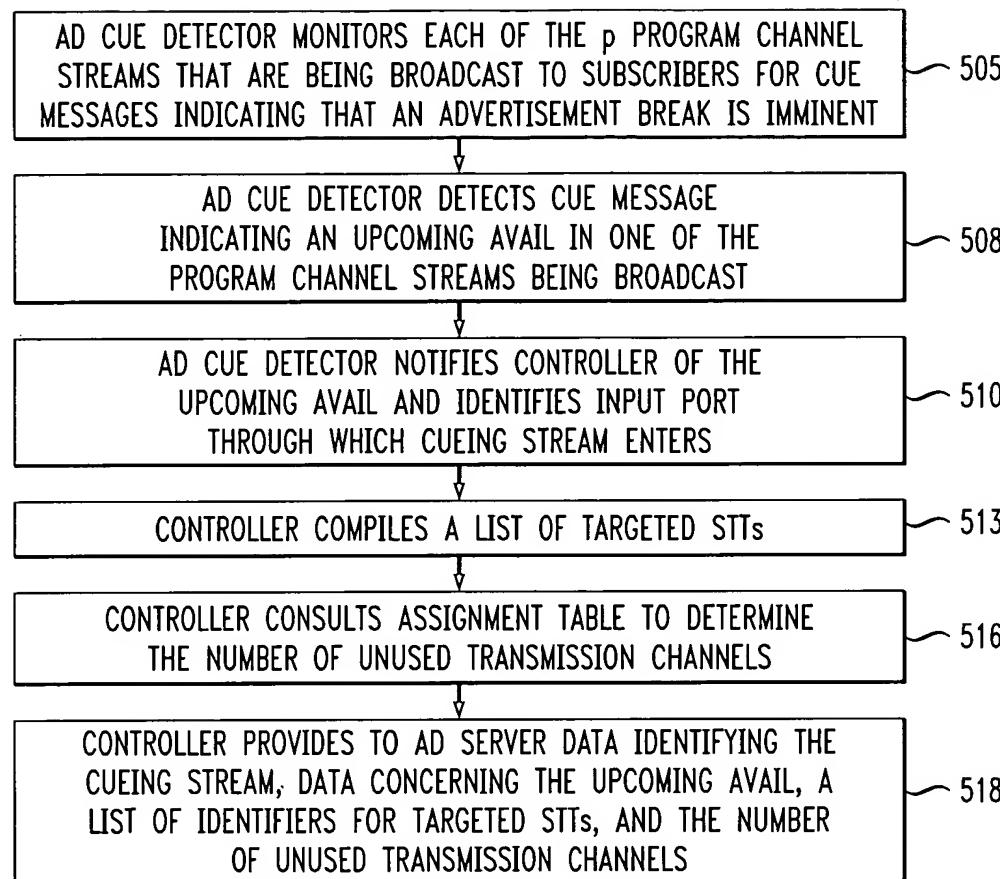




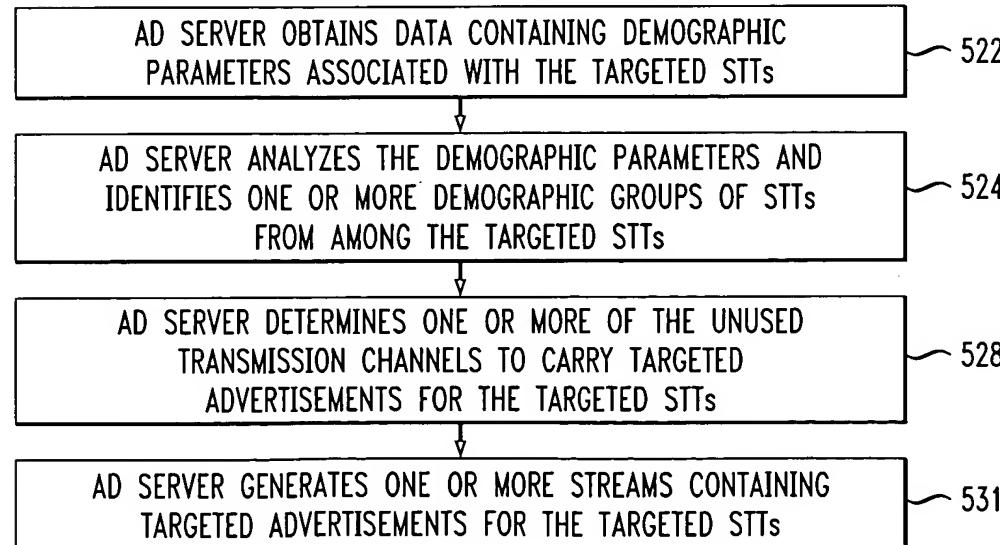
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*FIG. 10*



*FIG. 11*





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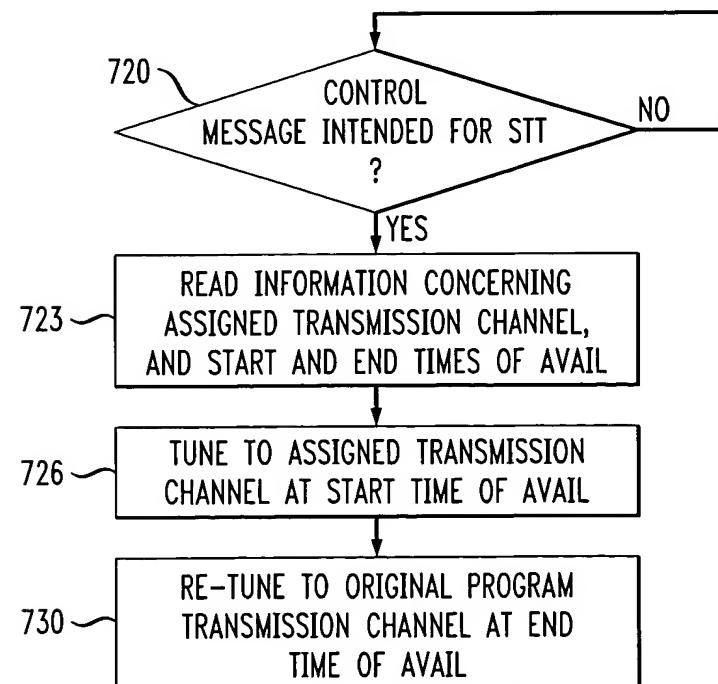
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*FIG. 12*

620

| 652         | 653 | 654 | 655              | 656      |
|-------------|-----|-----|------------------|----------|
| MAC ADDRESS | AGE | SEX | HOUSEHOLD INCOME | LANGUAGE |
| MAC 1       | 29  | M   | \$45,000         | ENGLISH  |
| MAC 2       | 56  | F   | \$75,000         | SPANISH  |
| MAC 3       | 18  | F   | 0                | ENGLISH  |
| MAC 4       | X   | X   | X                | X        |
| ⋮           | ⋮   | ⋮   | ⋮                | ⋮        |
| MAC L       | X   | X   | X                | X        |

*FIG. 14*





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FIG. 13

